

## ABSTRACT

In a security facility (3) according to the invention for use as security in paper substrates, such as security and value documents, security, value and banknote paper and the like, said security facility (3) comprising a non-conducting plastic support (5), on which at least two conducting areas spaced apart (6) are provided, the at least two conducting areas spaced apart (6) are electrically interconnected by means of at least one diode connection (7) with a predefined conducting direction.

10 Fig. 3